

ENERGY MANAGEMENT CONTROL SYSTEM ACCEPTANCE

CEC-NRCA-MCH-18-A (Revised 01/19)

CALIFORNIA ENERGY COMMISSION



CERTIFICATE OF ACCEPTANCE		NRCA-MCH-18-A
Energy Management Control System Acceptance		(Page 1 of 2)
Project Name:	Enforcement Agency:	Permit Number:
Project Address:	City:	Zip Code:
System Name or Identification/Tag:	System Location or Area Served:	

Compliance Results: AUTOMATED ("Complies" or "Does Not Comply")	Enforcement Agency Use: Checked by/Date:
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Intent:	The purpose of this acceptance test is to ensure that when an energy management control system (EMCS) is installed for the purpose of compliance with the Building Energy Efficiency Standards (Standards), it is properly installed, operational, and is in compliance with each relevant requirement in the Standards. Submit one Certificate of Acceptance for each system that must demonstrate compliance.
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A. Construction Inspection			
Building:	Floor:	Room/Area/Zone:	Control/System:
1	Required Documentation (check all of the following):		
a.	Designs, plans, schematics, and schedules as approved by the authority having jurisdiction.		
b.	Building documents including: manufacturer specifications, calibration certificates, or tear sheets for the installed system as available.		
c.	NRCA-MCH-11-A (Automatic Demand Shed Control) must be completed. (§110.12(b))		
2	Prior to functional testing, verify and document the following (check all of the following):		
	Relying on documentation from the manufacturer, verify that the EMCS has completed the initial startup and can achieve normal operation.		
	Verify that all unitary heating or cooling systems under thermostatic control of the EMCS are identified on NRCC-MCH-03-A . (§110.2(c))		
	IF Construction Inspection 2b is selected on NRCA-MCH-03-A , THEN verify that NRCA-MCH-03-A is completed.		
	IF the EMCS is used		
	IF the EMCS is installed to function as a lighting control that is required by the Standards, THEN verify that NRCL-LTI-02-E (EMCS for Lighting Control Systems) has been completed and approved by the authority having jurisdiction. (§130.0(e)2 , §130.4(b)2 , §110.9 , §130.0 through §130.5 , §140.6 through §150.0 , §150.2 , and NA7.7.2)		
	For all lighting controls systems for which an EMCS is identified as providing compliance (NRCC-LTI-01-E , NRCC-LTO-01-E), verify that the following acceptance tests have been completed: (§130.0(e))		
	i.	NRCA-LTI-02-A (Shut-Off Lighting Controls)	
	ii.	NRCA-LTI-03-A (Automatic Daylighting Controls)	
	iii.	NRCA-LTI-04-A (Demand Responsive Controls)	
	iv.	NRCA-LTI-05-A (Institutional Tuning Power Adjustment Factor)	
	v.	NRCA-LTO-02-A (Outdoor Lighting Controls)	
	IF the EMCS is used as a fault management application for an anemometer failure detection on an exhaust fan system serving a laboratory or factory greater than 10,000 CFM, THEN verify that NRCA-PRC-14-F is completed.		
	IF the EMCS is used as a fault management application for a contaminant sensor failure detection on an exhaust fan system serving a laboratory or factory greater than 10,000 CFM, THEN verify that NRCA-PRC-14-F is completed.		
Construction Inspection Compliance Results: AUTOMATED ("Complies" or "Does Not Comply")			

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Acceptance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Documentation Author Company Name:	Date Signed:
Address:	ATT Certification Identification (If applicable):
City/State/Zip:	Phone:

FIELD TECHNICIAN'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Acceptance is true and correct.
2. I am the person who performed the acceptance verification reported on this Certificate of Acceptance (Field Technician).
3. The construction or installation identified on this Certificate of Acceptance complies with the applicable acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7.
4. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and signed by the responsible builder/installer and has been posted or made available with the building permit(s) issued for the building.

Field Technician Name:	Field Technician Signature:	
Field Technician Company Name:	Position with Company (Title):	
Address:	ATT Certification Identification (if applicable):	
City/State/Zip:	Phone:	Date Signed:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this Certificate of Acceptance.
2. I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Acceptance and attest to the declarations in this statement (responsible acceptance person).
3. The information provided on this Certificate of Acceptance substantiates that the construction or installation identified on this Certificate of Acceptance complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency, and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7.
4. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and is posted or made available with the building permit(s) issued for the building.
5. I will ensure that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Acceptance Person Name:	Responsible Acceptance Person Signature:	
Responsible Acceptance Person Company Name:	Position with Company (Title):	
Address:	CSLB License:	
City/State/Zip:	Phone:	Date Signed: